

FOLIO

THE UNIVERSITY OF ALBERTA STAFF BULLETIN

EDMONTON, ALBERTA

7 OCTOBER 1976

BOARD OF GOVERNORS

The first regular meeting of the Board of Governors for this term was held Friday, 1 October. The following items were among those considered.

Students' Union increase in Spring Session membership fee

Board members approved the Finance Committee's recommendation that there be an increase in the Spring Session membership fee from \$6 to \$8 as a condition of registration for all students enrolled in Spring Session courses. The increase will be effective 1 May 1977 and was implemented so that the fee will be identical to that levied for Summer Session students.

Students' Union Course Guide

Board members approved a grant request of \$10,000 to the Students' Union for the purpose of gathering data on instructors and courses offered during the first term of the 1976-77 Winter Session. The approval carried with it the provision that these data are to be provided exclusively to the course instructors. The information gathered will be used in "raw data form" in order that a format can be developed for future guides that will become available for student use.

Convocation Hall contract

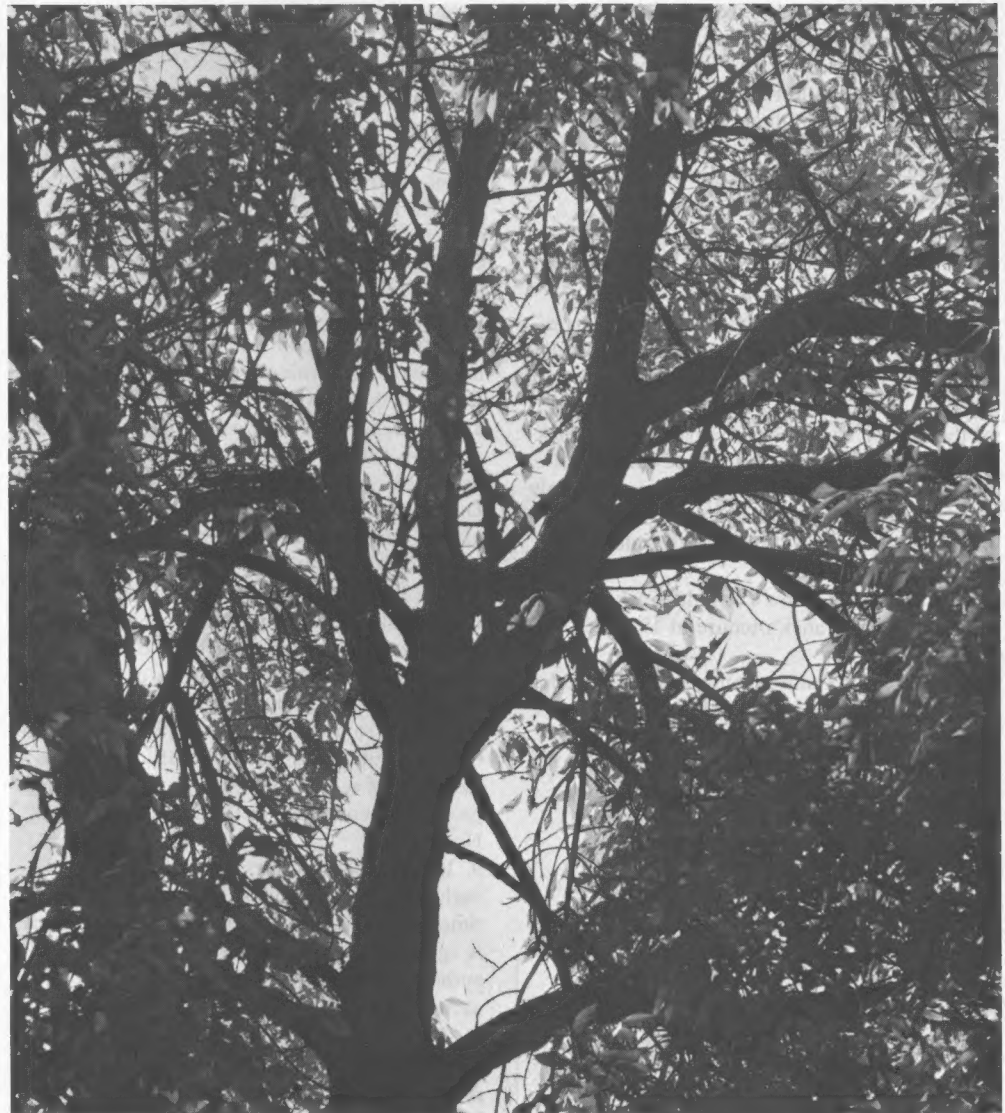
The contract for the renovation of Convocation Hall has been awarded to Bond and Leitch Limited upon the recommendation of the Board Building Committee. The contract requires the company to call tenders for a firm price on both the electrical and mechanical work. As contract managers, Bond and Leitch Limited will work closely with the University's Campus Development Office and the architect during the various phases of the renovation work.

University Hospital parking needs

A motion was denied by the Board which would have confirmed that the southwest corner of the Corbett Hall site be used as a temporary, three-year parking area for the University of Alberta Hospital.

Gifts to the University

The following list of gifts given to the University for the period of 1 January to 30 June 1976 was received by the Board of Governors:



Richard Kerr

The University of Alberta Summary of Gifts Received from 1 January to 30 June 1976

	Research Purposes	Endowments	Faculty or Departmental Purposes	General Educational Purposes	Total
Federal Government	\$ 7,808,432.19	nil	\$197,757.96	\$182,405.00	\$ 8,188,595.15
Provincial Government	698,941.70	\$ 31,286.03	98,574.86	3,190.00	831,992.59
Industry	114,577.61	1,453.19	15,487.20	250.00	131,768.00
Associations and Organizations	1,775,006.94	3,000.00	213,978.53	181,481.56	2,173,467.03
Other	34,986.07	nil	7,048.58	48,829.07	90,863.72
Individuals	170.00	100,035.83	400.00	5,542.37	106,148.20
Totals	\$10,432,114.51	\$135,775.05	\$533,247.13	\$421,698.00	\$11,522,834.69

Graduate student assistance

Board members approved a motion that the Graduate Assistance Policy Committee of Deans' Council should be involved when negotiations are underway concerning graduate student assistance since that Committee is the most informed about matters which would directly affect graduate assistance policy. Members also approved in principle the idea that the Board should take all possible steps to protect the broader concept of graduate assistance and should realize its dual nature. On the one hand, graduate students now enrolled at this University must be given assistance. On the other, future students must also be given consideration. Support of graduate work now ensures a good academic stature at this University in the future.

A Formal Resolution of the Board

Whereas the Board has received the Report of the Visitor to the University dated 7 September 1976 in the case of Dr. Anthony L. Vanek and whereas the Board has considered the Report of the Visitor and wishes to give to Dr. Vanek an opportunity to have his tenure considered under conditions which will conform as closely as is reasonably possible to the hearing procedures of the 1968 Faculty Handbook, be it resolved that

1. The Faculty Tenure Committee which considered Dr. Vanek's tenure in 1972 be reconvened.
2. The Faculty Tenure Committee do consider Dr. Vanek for tenure and deliver its recommendation thereon prior to 31 October 1976.
3. The Faculty Tenure Committee make a recommendation to the Board through the President either that Dr. Vanek be granted tenure or that Dr. Vanek not be granted tenure.
4. If the Faculty Tenure Committee recom-

mends that Dr. Vanek not be granted tenure the appeal procedures contained in the 1968 Faculty Handbook are to be available to Dr. Vanek provided that he launches his appeal within fifteen days of the date of the recommendation of the Faculty Tenure Committee.

5. If such an appeal is launched the Tenure Appeals Committee will be reconvened to hear the appeal and will render its decision prior to 15 December 1976.

6. If the Tenure Appeals Committee declines to uphold the recommendation of the Faculty Tenure Committee the Tenure Appeals Committee shall either remit the matter to the Faculty Tenure Committee or shall hear the matter *de novo*. If the Tenure Appeals Committee hears the matter *de novo* it shall make a recommendation of the type described in item 3.

7. If the Board upon receipt of the recommendation concerning Dr. Vanek's tenure grant tenure at the University to Dr. Vanek then his appointment at the University will be effective as of the date of such grant. If the Board declines to grant tenure at the University to Dr. Vanek no further appointment shall be offered in view of the fact that Dr. Vanek has already had a terminal year appointment.

8. The Board recognizes that compliance with these resolutions in detail may be impractical or impossible in some particulars due to the expiration of time or the absence of persons or the like and, accordingly, the President is authorized to give such directions to implement these resolutions so that they will conform as closely as is reasonably possible to the hearing procedures contained in the 1968 Faculty Handbook.

9. In the event that Dr. Vanek requests variations in the composition of committees or times of hearings or the like and the President is agreeable to such requests the President is authorized to vary these resolutions accordingly.

PRINTING, DUPLICATING AND PHOTOCOPYING: RESULTS OF A REVIEW

Over the past few years, it is the rare department on campus that has not been subject to some form of review. The University's printing, duplicating, and photocopying services and needs have come under scrutiny during the past several months, and the results of the review have been enlightening and positive.

The review of these services has been conducted by the management consulting firm of Peat Marwick & Partners, and the related recommendations are now being implemented.

One of the first stages of the review process was a survey of the users of these services

for their comments on the service offered, descriptions of their own needs, and a ranking of cost, quality, and turnaround time. The results of the questionnaire showed a general satisfaction with both printing and duplicating services.

The results related to printing needs gave a clear priority to quality, followed by turnaround time and cost. Some complaints were made about cost (some users were convinced they could obtain more economical service from private printing firms) and turnaround time (which has been a contentious issue between printers and their customers since Gutenberg). When quotations for a sample of different printing jobs were compared with a private firm, the quotations from Printing Services were lower, and in many cases substantially lower. The difference appears to be due mainly to such factors as type of job, commissions, taxes, and profit.

Although the grass may seem greener and the printing cheaper off-campus, in fact the captive University market appears to be receiving relatively low cost printing and duplicating services, and the consultants recommend that the University continue to have virtually all its printing and duplicating needs handled at Printing Services. The main exception to this would be hardcover binding and specialized forms; these printing functions are jobbed out at about \$100,000 annually. The equipment alone for this work would cost some \$200,000, an investment that simply could not be justified.

An examination of printing and duplicating records bore out the observations of staff and users that there are certain peak periods during the year when the workload is heavier and turnaround times longer: February, March, and August for Printing (though the "Flexible Expenditure Program," introduced this year to allow departments to carry over a portion of certain unspent operating funds into the next fiscal year, may ease this problem in February and March), and July, August, and September for Duplicating. Two new tandem offset presses (only one is in use now) and a new collator and sorter will ease the peak periods in Duplicating substantially; they will also increase the capacity of the Duplicating Division to allow it to handle additional work now done uneconomically on office photocopyers throughout the campus. A new production planning and scheduling system, coupled with closer customer liaison to make job processing more predictable, is expected to reduce Printing's peak period problems, improve staff and equipment utilization, and reduce overtime. In addition, a planned reorganization of the layout of part of the printing plant, plus a new cutter and a

FOLIO

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twelve-station gathering machine, will eliminate certain bottlenecks and improve production efficiency. Possibilities for increasing phototypesetting capacity will also be explored with Computing Services.

A closer integration of the printing and duplicating operations will improve the utilization of both staff and equipment and will improve turnaround time on certain types of work, particularly during peak periods.

The plan is ultimately to merge the printing and duplicating offices into one main office, a more satisfactory arrangement for production planning and scheduling, and especially for the harried users.

The proliferation of photocopiers

Perhaps the most enlightening discovery in the review has to do with photocopying and photocopiers.

From 1967-68 to 1971-72, the annual increase in demand for offset duplicating at the Duplicating Division was 22.8 percent. By 1971-72, not unexpectedly, this operation was loaded to capacity primarily because of space restrictions. Duplicating was forced to discourage short-run work, a development which no doubt helped encourage the explosive growth in photocopiers on the campus to handle work requiring a fast turnaround.

Xerox copiers alone increased in number by 190 percent between 1972-73 and 1974-75: from 42 to 122 machines. At the time of the review, there were some 200 assorted photocopiers in campus offices, 135 of which were supplied by Xerox Corporation. Xerox machines accounted for 90 percent of the total copy volume and 98 percent of the total copy cost.

At the same time the volume of copies increased by 17.8 percent per year from 12,300,000 in 1972-73 to 17,130,000 in 1974-75. The projected growth of office photocopiers five years hence is alarming: by 1980-81, on the basis of a 17.8 percent growth in copy volume and a 15 percent growth in numbers of machines, there would be 282 machines churning out 45,600,000 copies at a cost of well over \$1,500,000, compared with \$600,000 now. If the money doesn't move you (though it should), the thought of all the paperwork and all the multiple copies of reports floating over your desk should be staggering. Copy growth, even after reaching any saturation point, is expected to be at least 10 percent annually in the foreseeable future.

Although the cost of office photocopying concerns some users, the results from the questionnaire indicate that cost generally is less important than turnaround time (convenience) and quality. In the opinion of the consultants, there is "an almost complete lack of cost-consciousness among faculties and departments using Xerox units. This was



Eric Easterby, Printing Services Representative, who will develop and maintain closer liaison with users of Printing Services, shown at his office in the Printing Services Building, telephone 432-4246. Below, one of two new tandem offset presses in the Duplicating Division of Printing Services.

paralleled by a lack of cost control. . . ." They qualify this by noting that there are exceptional departments that show great concern for copying costs and maintain correspondingly excellent cost controls. "But these definitely are exceptions to the general situation."

Copying costs were perceived by users as merely the tariff charged per copy, ignoring costs such as developer, toner, paper, labor, space, and electricity. A cost comparison of several copier models (excluding labor, space, electricity, etc.) and offset duplicating at the Duplicating Division (including all costs and even a small profit) showed Duplicating rates

significantly less than the photocopier rates at all run lengths of ten or more. In fact, copies from a medium-sized copier were shown to cost two and one-half times as much, depending on the size of the run, as copies produced at the Duplicating Division.

Such an irrational flood of photocopiers is in no one's interest, except, of course, the manufacturers'. Therefore, on the advice of their consultants, Printing will be offering a special service to University departments to evaluate their photocopying needs, to advise them which work is best done on photocopiers and which done at the Duplicating Division,

and to help them select the specific type of photocopier that will serve their office's needs best.

A more rational approach to photocopying could save the University almost \$100,000 annually. Many long-run jobs now produced uneconomically on office copiers could be transferred to the Duplicating Division. Some models of photocopier are much more expensive to operate than others, even from the same manufacturer; analysis of office needs could indicate copiers which would do the job much more cheaply; use of special pricing plans is another way to save money.

Printing Services will continually review each photocopier on campus (other than coin-operated machines) to determine copier costs and utilization. These reviews will be the bases for Printing Services' recommendations to user departments. In the future, all requests for photocopiers will be referred to Printing Services, who will review the requests and make recommendations to the departments.

Printing Services representative

Eric Easterby, who is a member of the Printing Services staff and widely experienced in printing technology, has been promoted to the position of Printing Services Representative, as part of the program to provide better service to the University community. His primary responsibility will be to develop and maintain closer liaison with the users of Printing Services, and Mr. Easterby will also be the person who will conduct the reviews of office photocopying needs and make recommendations to the users. When a department requests new equipment, he will analyse the department's needs to determine which copier might serve those needs best and also, in many cases, which of those needs might better be handled by the offset facilities at Duplicating. He will also be recommending substitutes for costly or underused equipment.

Outside the area of photocopying, he will have primary responsibility for customer contact with Printing Services, including both the Printing and Duplicating Divisions. He will be able to advise members of the University community on printing and will deal with general complaints. Because he will be working closely with the Production Controller at Printing, he will be the person to contact about the progress of a particular job. He will also be contacting users to encourage them to reschedule their requirements where possible to increase staff and equipment utilization during relatively slow periods. This will help to reduce peak pressures and provide better service to users.

Mr. Easterby is available at 432-4246 to discuss printing, duplicating, photocopying, and other similar requirements.

GENERAL FACULTIES COUNCIL

The regular meeting of General Faculties Council was held on Monday, 27 September. The following items were discussed.

Nominating Committee report

ad hoc Committee to Study Selection and Review Procedures for Deans and Department Chairmen. At its meeting on 28 June 1976 Council agreed, at the suggestion of the Board, to strike a committee of six to examine the present selection and review procedures for deans and department chairmen. Council elected Al MacKay, Elementary Education, Ross Macnab, Physical Education, Henry Kreisel, Comparative Literature, Frank Jones, Law, Charles Grubmeyer, Graduate Student, Plant Science, and Thomas Leeson, Anatomy, to serve on this committee.

Committee on Equal Opportunities. The Nominating Committee recommended for this committee a composition of two members of academic staff, two members of non-academic staff, and two students, one graduate and one undergraduate, with one female and one male member for each category. Jean Lauber, Vice-President (Academic) with responsibility for women's affairs, would be an ex officio member.

Because the question arose in Council of the appropriateness of non-academic membership on the committee, selection of the committee members was deferred until Council had reviewed the committee's terms of reference.

Representative to the Senate. Council elected G.S.H. Lock, Dean of Interdisciplinary Studies, as GFC representative on the University Senate.

Administrative and Professional Officers Committee. John P. Bowland, Dean of Agriculture and Forestry, was elected to serve on the Administrative and Professional Officers Committee. The committee consists of the Vice-President (Finance and Administration) as chairman, the Director of Personnel Services and Staff Relations (ex officio), and five elected members, including a dean, a chairman of a teaching department, and a head of a non-teaching department.

Committee to Investigate Teaching. Kenneth Munro, History, was elected to serve on this committee.

Parking Appeals Committee. M. Subbarao, Mathematics, was elected as an alternate on this committee.

University Disciplinary Panels. Myrel Rose, Non-academic, Ophthalmology, Gerry Voss, Non-academic, Dentistry, F. Watters, APO, Arts, and Anne Crawford, student, Arts-1, were added to the list of members of the University community who will act as members and chairmen of General University

Disciplinary Hearings and General University Appeal Boards.

Campus Law Review Committee. Bruce Elman, Law, was elected to serve on this committee.

Conference Funds Committee. Allan Hayduk, Graduate Student, Educational Psychology, was elected to serve on this committee.

Housing and Food Services Committee. Paul McFadzen, Graduate Student, Community Development, was elected to serve on this committee.

Radio and Television Committee. Carol Ann Rolf, Graduate Student, Community Development, was elected to serve on this committee.

Tenure Appeals Committee. Before its function is incorporated into the General Appeals Committee, this committee has one more meeting. Ronald McElhaney, Biochemistry, was elected to fill a vacancy on the committee for this one meeting.

ADC to study quotas

In view of the Vice-President (Academic) Myer Horowitz's report that the Academic Development Committee was working on a long-range academic proposal that would deal with quotas, Council decided not to endorse a proposal from Joe McGie, a student member of the Board of Governors, to strike a Board task force to study the long-term effects of quotas. Students' Union Vice-President (Academic) Ken McFarlane, a member of ADC, commented that he believed Mr. McGie's concerns about the implications of quotas would be met by the ADC study. That committee expects to have its proposal ready for discussion in GFC in four months.

Student Affairs

The report of the ad hoc Committee on the Restructuring of the Office of Student Affairs was adopted almost unanimously by General Faculties Council.

The report proposed a Dean of Students, who would be a senior academic with administrative responsibility for the student affairs offices, including the Foreign Student Advisor, CUSO and CIDA offices, and Student Counselling Services. This person would coordinate these and other student services, would be a member of Dean's Council and GFC, would deal with student problems and special needs, and would answer directly to the Vice-President (Academic).

The report also proposed the appointment of an Ombudsman for students, backed up by two Student Advocates. The Ombudsman, who would deal exclusively with student grievances, would be an academic staff member who would report directly to the University President. The Student Advocates would seek out and deal directly with student problems; the Ombudsman would also work with

individual cases, providing the authority lacking with the Student Advocates, and, although he or she would not have the power to overrule any decision of a professor or dean or council, there would be a responsibility for proposing changes to University procedures to avoid the recurrence of similar problems.

The Dean of Students and the Ombudsman together would replace the former position of Provost.

A third main feature of the report was a users' advisory Council on Student Services to replace the Council on Student Affairs. The purpose of the Council would be to ensure cooperation and communication among all the student services and to inquire into any matters affecting students and report their findings to the appropriate University authorities. The Dean of Students would chair the Council, and voting members would be the Ombudsman, two Student Advocates, the Director of the University Health Service, the Director of Student Counselling Services, the Director of Student HELP, the Director of Housing and Food Services, the Vice-President (Academic), the President of the Students' Union, and the President of the Graduate Students' Association. The Council would report annually to GFC.

A few minor amendments were made to the ad hoc committee's original report, including (1) renaming the Residence Deans in the report "Assistants to the Dean" (these individuals are now called Assistant Deans in Residence); (2) replacing the Residence Nursing Consultants with the Nursing Supervisor, the University Health Service staff member who appoints them, on the Council on Student Services; and (3) rephrasing the section on Assistants to the Dean in Residence to involve the cooperation of the Assistants to the Dean and the Lister Hall Residence Student Government with the Director of Housing and Food Services on implementing rules and regulations in the residences.

Vice-President (Academic) Myer Horowitz praised the work done over the years by Provost A.A. Ryan, whose efforts had built the structure for Student Affairs on which the GFC report was based.

Council also approved the composition of the Selection Committee for the Dean of Students and elected its members. Both the ad hoc committee and Council generally felt it was urgent that selection procedures for this position be carried out as soon as possible following the Board's approval of the position, which was expected to be given at the Board meeting later in the week, on Friday, 1 October.

(Note: the Board did not find time to discuss the restructuring of student affairs at its 1 October meeting and postponed the matter until its meeting on 22 October.)

Undergraduate Writing Skills

The GFC ad hoc Committee to Investigate Undergraduate Writing Skills presented its report to Council.

Although there was general agreement that indeed student writing skills were in a regrettable state, there was strong and vocal disagreement among Council members concerning the report's recommendations toward providing some remedy to this situation. It was agreed, therefore, to postpone further consideration of the report until GFC's next meeting, on 25 October, when the first two hours of the meeting will be devoted to discussing the report. (*Folio* will summarize the full discussion after that meeting.)

Final Examination Reappraisals

Council amended section 16.3.3 subsection (2) of the *Calendar* to read "The reappraisal privilege is limited to two papers per term." This ruling is to take effect in the autumn of 1977. The current *Calendar* phrasing of this subsection is unclear: "The reappraisal privilege is limited to two papers."

Extramural Courses and Advanced Standing

Council approved the proposal of the Dean of Arts that a statement be added to Section 14.4 of the *Calendar* dealing with advanced standing and advanced placement, to inform students that there is provision for special consideration of their cases if they apply to the dean of their faculty.

The section will now read, "... applicants whose previous university work was extramural may be granted advanced standing only with respect to the first year of their program. *The limitation to junior courses may be waived in special circumstances, on appeal to the dean of the student's faculty.*"

More study time in first term

Council approved the revised Academic Schedule proposed by the Registrar for 1977-78. In this schedule, both terms would be equal in length, allowing a study week in first term in addition to the study week in second term. Classes in fall term next year thus will end five days before examinations begin; this year classes end three days before exams begin.

The Registrar was also authorized to schedule Convocation in June rather than at the end of May, when necessary.

Advance Registration

Council approved the request of the Faculty of Graduate Studies and Research to be permitted to discontinue participation in the Advance Registration System and to revert to the registration system employed in 1973-74. A much smaller proportion of graduate students than undergraduate students register in advance; as graduate students have supervisors appointed

at the beginning of their programs, advance registration is of no particular advantage to them or to academic staff, either for program planning or for counselling.

DDD SHOWS SAVINGS

Coincident with the conversion to Centrex, the University introduced a Direct Distance Dialing program. The University intends to have Direct Distance Dialing (DDD) replace other methods of placing long distance calls because of the savings that will be realized with DDD.

Prior to the installation of Centrex, a large percentage of the University's long distance calls were made person-to-person. The rate for person-to-person calling is approximately 33 percent higher than that for DDD and would now cost the University an unnecessary \$30,000 annually.

The main objection to DDD expressed by person-to-person callers is that they will not reach their party on the first call and will thus have to pay for two calls. A recent study of person-to-person calls has shown that 80 percent of those calls are completed on the first attempt; in the remaining 20 percent, a second "expected" call is required. When using DDD, even if a second expected call is required, the overall costs will still be less than person-to-person costs. For example, a DDD call to Toronto could be attempted six times before the cost would approach the initial rate of a single person-to-person call.

Several members of the University staff have commented recently on the speed of call handling when using DDD. It is evident from their reaction that they are pleased with the faster service that DDD offers. The switch-board operator's handling time has also been sharply reduced; campus operators can connect a DDD call considerably faster than the time-consuming person-to-person call.

In the near future the University plans to implement other Direct Distance Dialing services to further reduce escalating costs of long distance calls. Late next year, International DDD will be available for calls to the United Kingdom, Japan, West Germany, Hong Kong, Australia, New Zealand, and the Philippines.

PROSPECTIVE STUDENT ACCESS CENTRE

When the concept of a student access centre evolved in 1970, its nature was clearly defined and its objectives simple. At that time Student Counselling Services felt its energies must be directed toward only those students already enrolled in a University program. A separate service organization ought to deal with

prospective students (in the main, with high school graduates), with those who were not as yet committed to the University but who, nevertheless, needed advice about entrance requirements, faculties, departments, etc. The resultant bilateral division of responsibilities was, indeed, the most efficient and expedient way to administer to two distinct student bodies. The liaison division of the Registrar's Office was chosen to handle prospective students.

However, this administrative change came at a rather crucial point in the history not only of this University but of university life across Canada. To begin with, a sudden proliferation of post-secondary institutions in the early seventies had an impact on established universities that is still being felt today. Similar programs in such institutes as the University of Lethbridge and, more recently, Athabasca University, meant the possibility of transfer policies between these institutions and the University of Alberta. The number of prospective students increased substantially. Again, the federal government's policy regarding landed immigrant status that was formulated in 1972, provided foreign students with the opportunity to leave the institutes to which they were originally committed and attend any institute they felt more academically profitable. The University was in the foreground of this politically induced phenomenon. Foreign students who became landed immigrants became, in turn, another special category of prospective student. Finally, the stress placed on continuing education and the recognition of the person who works full-time but wishes to satisfy academic interests presented an entirely different set of problems to the Registrar's Office. That Office found it had committed itself to a task much broader in scope than was originally anticipated. The prospective student no longer meant only the high school graduate. And such were the findings, in fact, of a 1973 Senate task force on entrance requirements. Moreover, the task force discovered that prospective students, no matter their specific entrance problems into a post-secondary school, met with inadequate counselling services, with little, if any, readily accessible information about programs, and with a communication lag that worried both the University and the community.

Early in 1976 a student access centre was organized to deal with these problems. It is part of the Admission Policy, Evaluation, and Liaison Division of the Registrar's Office, under the direction of Doug Burns, Admissions Officer. The network of services it offers has been based partially on similar centres at other universities but is geared to meet specific requirements of this province and the University of Alberta.

The centre, on the main floor of the Administration Building, is staffed by seven people qualified to handle difficulties concerning high school accreditation, transferability from other post-secondary institutions to this University, and the eligibility of mature and foreign students. The centre deals specifically with unsure vocational preferences of prospective students and has carried out the monolithic task of coordinating faculty and departmental interests so that the student can readily compare educational career choices. Part of this task has been a re-evaluation and redrafting of program materials so that the University can be seen and defined within the light of other institutions at the post-secondary level. Such coordination has involved the development of a library containing career monographs with a list of resource persons who can be contacted for more detailed advice, audio-visual aides that will help students plan their work on campus, and readily available information about programs offered at other institutions across Canada and the United States. Much work goes into follow-up research to evaluate the reliability of this information. Thus, through this centre, the University has and will be able to maintain a vital source of access for accurate and precise counselling services required by the post-secondary student.

Much of the direction of the student access centre is out and away from the University and toward a community that is most interested in, but does not have an easy in-road to, the campus. Al Parsons, High School Liaison Officer, provides counselling services for schools and other sectors of the public wishing to know more about the University. At present these services are geared for out-of-city targets, and those who work in the access centre often spend much time "on the road," working late hours in small community centres to ensure that the public remains informed of its rights to education. To facilitate this information service, the centre maintains a bank of some 4,000 slides plus career film strips and taped interviews with deans that quite literally take the image of the University into the community. The on-campus facilities maintain office hours from 8:30 a.m. to 4:30 p.m. each weekday and will eventually take on a more informal "drop-in" atmosphere with lounge facilities available for the prospective students.

In addition to helping the high school student understand what is really required of him and handling the influx of foreign student inquiries which, necessarily, involves detailed and clearly defined feedback service that answers both the technical and less tangible problems met through written communication

only, the access centre provides evaluation of documentation. Both students who have graduated from this University and employers who seek further information about job applicants ask for verification of educational status. Since this service is for purposes other than admission, a fee is charged. The significance of such a service can often seem, at least in terms of bare figures, less vital than it actually is. While an employer will often telephone for information about three applicants, the centre may, in fact, receive a formal request for information only about the one picked for the job. Whereas, in fact, time and energy have been spent on three people, the records show only one.

The access centre is a department that has the unusual responsibility of maintaining a secondary function which is at the same time of primary importance. It has become a nerve centre for feedback from the community. On the one hand the access centre serves as an ambassador on all civic, provincial, national, and international levels. It must provide a correct perception of the University and translate the "peaks and valleys of activism on campus and the unavoidable bureaucratic nature of administration." On the other, it is one of the first areas on campus through which the University becomes aware of the community's perception of what post-secondary institutions are doing. Indeed, the prospective student access centre can correct any discrepancies that exist between what the University actually is and how it is perceived. Such a liaison is one of the more valuable services that this University can provide.

NATIVE AWARENESS WEEK: 12 TO 16 OCTOBER

A "Native Awareness Week" will be held on campus from Tuesday, 12 October, to Saturday, 16 October. The activities will include talks and panel discussions by native leaders and a pow-wow on Saturday night.

Marilyn Buffalo MacDonald, Native Affairs Advisor at the University, is organizing the Native Awareness Week activities, which are funded by a grant from the Treaty Six Commemorative Committee of the Indian Association of Alberta in cooperation with Bob Bogle, Minister Without Portfolio with responsibility for native affairs.

Tuesday, 12 October

11 a.m. Official opening in the Students' Union Building courtyard.

12 noon to 1 p.m. "The Role of the Elders in Native Society," a talk by Eddie Bellerose, of the Indian Association of Alberta. 104 Students' Union Building

1 p.m. to 2 p.m. "The Meaning of Treaty Six,"

a talk by native elder Abe Burnstick. 104 Students' Union Building.

Wednesday, 13 October

12 noon to 1 p.m. "Social Adjustments of Native People in Northern Alberta," a talk by Thelma Coulter of the Slave Lake Housing Transitional Project. Meditation Room, Students' Union Building.

1 p.m. to 2 p.m. "The Treaty and its Effect on the Native People," a talk by one of the chiefs of the Treaty Six area. Meditation Room, Students' Union Building.

Thursday, 14 October

12:30 p.m. Panel discussion on native education, with George Calliou, native law student at the University of Calgary, Elsie Wingeno, Coordinator of Native Student Services at the University of Calgary, and Keith Chiefmoon, President of the Native American Student Association at the University of Lethbridge. Meditation Room, Students' Union Building.

Friday, 15 October

11 a.m. to 12:30 p.m. "Human Rights and Native People," a talk by Muriel Venne, Director of Out-Reach, the Native Employment Organization. Meditation Room, Students' Union Building.

12:30 p.m. to 2 p.m. "Hope for the Metis Nation," a panel discussion with Maurice L'Hirondelle, President of the Federation of Metis Settlements, Adrian Hope, Metis historian, poet, and Secretary-Treasurer of the Federation of Metis Settlements, and Fred Martin, Coordinator of the Federation of Metis Settlements. Meditation Room, Students' Union Building.

Saturday, 16 October

2 p.m. "Treaty and Aboriginal Rights," a panel discussion with Leroy Littlebear, native lawyer and Director of Native American Studies, University of Lethbridge, Richard Price, former Director, Treaty and Aboriginal Rights Research, Indian Association of Alberta, and Colleen Glenn, native law student at the University of Alberta. 231-237 Law Centre. 7 p.m. Pow-wow, with native drummers, singers and dancers in full regalia. Everyone is welcome. Dinwoodie Lounge, Students' Union Building.

**EDWARD HERBERT BOOMER
MEMORIAL LECTURE**

This year the Edward Herbert Boomer Memorial Lecture will be given by Manfred Eigen, Nobel Prize Winner and Director of the Max-Planck-Institut Für Biophysikalische Chemie in Göttingen, West Germany.

Professor Eigen developed many relaxation techniques for measuring the rates of what were



Manfred Eigen

previously thought to be immeasurably fast reactions in solution. Of particular interest were diffusion-controlled protolytic reactions in aqueous solutions. The importance of this work to chemistry resulted in his becoming co-recipient of the Nobel Prize in Chemistry in 1967. More recently he has applied his methods to biological systems and has deduced the molecular mechanisms and rates of enzyme-substrate interactions and the dynamics of genetic code translation in nucleic acids. This work has enabled him to discuss the evolution of biological macromolecules.

Professor Eigen will give five lectures: "The art of titration or the application of modern relaxation techniques for determining the equilibrium parameters of complex reaction schemes" at 4 p.m. on Tuesday, 12 October; "Diffusion control in biochemical reactions" at 11 a.m. and "Life games" at 4 p.m. on Wednesday, 13 October; "Prerequisites of molecular organization" at 4 p.m. on Thursday, 14 October; and "The hypercycle; at the borderline between inanimate and animate" at 4 p.m. on Friday, 15 October. All lectures will be held in E-160 Chemistry Building.

This annual lecture series recognizes the meritorious contribution of Professor E.H. Boomer, who was associated with the Department of Chemistry from 1925 until his untimely death in 1945.

PEOPLE

■ John Lauber, Professor of English, recently presented a paper on "Fascism in the *Cantos* of Ezra Pound" at the Ezra Pound Conference

held at the University of Keele, England.

■ M.V. Dimic, Professor of Comparative Literature and Chairman of the Advisory Academic Panel of the Canada Council, has been appointed to the Council's Liaison Committee with the Humanities Research Council of Canada and the Social Sciences Research Council of Canada.

■ M.E. Steed, Associate Professor in the Faculty of Nursing and Director of Continuing Nursing Education, will conduct accreditation visits for selected schools of nursing in Nova Scotia for the Registered Nurses' Association of Nova Scotia from 4 to 9 October.

■ Doyal Nelson, Professor of Elementary Education, was chairman of the section entitled "Research related to the mathematical learning process" at the Third International Conference on Mathematical Education held in Karlsruhe, Federal Republic of Germany. With the assistance of Jack Bana, a graduate student in the Department of Elementary Education, he reported at length on his current research project entitled "Problem solving behavior in young children." Thomas Kieren, Professor of Secondary Education, was also an active participant at the conference; both he and Dr. Nelson were members of international panels responsible for the survey report, "New Trends in Mathematics Teaching," to be published by UNESCO.

■ Aileen Wright, Assistant Professor of Library Science, was one of the Library Association of Alberta executive members accompanying Horst Schmid, Culture Minister, on his recent tour of public libraries in the Peace River area. The group was interested in gaining reaction to proposals for major developmental and funding changes submitted to Mr. Schmid, at his request, by a joint committee of trustees and librarians. Mrs. Wright is chairman of that committee.

■ Syed M.A. Hameed, Professor of Industrial Relations, has been appointed Chairman of the Classification Appeal Board, Government of Alberta, effective 1 August.

■ The University of Alberta String Quartet, Thomas Rolston and Lawrence Fisher, violins, Michael Bowie, viola, and Claude Kenneson, cello, lectured and performed at the University of Missouri, Columbia, during June. They gave a week-long short course on the string quartets of Bela Bartok in conjunction with Zoltan Szekely, Bartok authority and former first violinist of the Hungarian String Quartet. The String Quartet also performed for the Oklahoma City Chamber Music Society, presenting three of the Bartok quartets in concert in Oklahoma City.

■ Shirley M. Stinson, Professor in the Faculty of Nursing and the Division of Health Services Administration, gave a paper on "The Alberta

folio accepts display advertising

Size and rates: the basic unit size is 45 agate lines x 15 picas (3¼" x 2½"). The full page is divided into 9 such units, any combination of which is available at a cost of \$20 per unit. Half pages cost \$100. A professional/business card unit (2½" x 1½") is available at a cost of \$12. Discounts are offered for extended runs; please enquire.

Other specifications: half-tones (100-line screen or less) are acceptable; no color or bleeds. Camera-ready copy is preferred; there is a charge of 15c per word for typesetting, and \$5 per line for design of work which is not camera ready. Deadline for submission is one week prior to publication (Thursday, 4 p.m.) for camera-ready copy; 10 days for all other advertising copy. Positioning is at the discretion of the editor.

Contact: Richard Kerr or Esther Fraser, 326 Assiniboia Hall, The University of Alberta; telephone 432-4991.

MHSA program, at the recent Kellogg Conference on Graduate Education for Nursing Service Administration held in Estes Park, Colorado. Subsequent to the establishment of the University of Alberta MHSA program, the Kellogg Foundation has funded five graduate programs for nursing service administration based on the Alberta model.

VISITORS

- Gail D. Bellward, Associate Professor of Pharmacology and Toxicology at the Faculty of Pharmaceutical Sciences at the University of British Columbia, recently visited the Faculty of Pharmacy and Pharmaceutical Sciences here and delivered a seminar entitled "Selective induction of microsomal drug metabolizing enzymes."
- Jean Michel Turc of the Centre Régional de Transfusion Sanguine de Dijon in France was on campus 22 and 23 September. Dr. Turc presented a seminar entitled "Role of the HLA system in leucocyte and platelet transfusion and clinical interest in cryopreserved platelet transfusions" in the Division of Biomedical Engineering and Applied Sciences.

NOTICES

LIBRARY SCIENCE SEMINAR

The Faculty of Library Science will co-sponsor a seminar with the National Federation of Abstracting and Indexing Services from 12 to 14 October and will host a workshop with Infomart on 15 October. The focus of these activities will be on-line computer-based information systems and services. Sheila Bertram of the Faculty is responsible for local arrangements.

ASCENT OF MAN SERIES VIDEOTAPE

The University has acquired videotapes of J. Bronowski's *Ascent of Man* series. Each of the thirteen tapes are fifty-two minutes long. The tapes are available in the Humanities Audio-visual Centre and can be viewed in the video-equipped study carrels in the Centre. For further information telephone John DeWacht, 432-2183.

BALLETS DE MARSEILLE AND KAREN KAIN

Ballets de Marseille Roland Petit and Canadian ballet star Karen Kain will perform *Carmen*, *L'Arlesienne*, and *Pink Floyd*, a rock ballet, at the Jubilee Auditorium on 19 and 20 October. Tickets are available at the Bay Box Offices.

COMMITTEE VACANCIES

There are vacancies in the following General Faculties Council Committees:

Selection Committee for the Chairman of the Department of Educational Administration.
Selection Committee for the Chairman of the Department of Elementary Education.
Review Committee for the Chairman of Educational Psychology.

Regulations governing the composition of the Selection and Review Committees require that one member, not a member of the department concerned be elected by GFC. Those who have suggestions for nominations or who are interested in serving on any of the above committees are requested to contact the Secretary of the Nominating Committee, 1-15 University Hall, telephone 432-4715.

AGRICULTURE AND VETERINARY MEDICINE MEETING

The 1976 Annual Meeting of the Deans and Principals of the Faculties and Colleges of Agriculture and Veterinary Medicine in Canada will be held at the University on 20 and 21 October. This year will be the first time that the Faculty of Agriculture and Forestry of the University of Alberta has had an opportunity to host the annual meeting. There will be deans and other representatives in attendance from the eight faculties or colleges of agriculture and the three colleges of veterinary medicine in Canada. In addition, there will be representation from Agriculture Canada, Alberta Department of Agriculture, Canadian International Development Agency, and the Agricultural Institute of Canada.

APPLICATIONS FOR FUNDING

The Alma Mater Fund has funds available to assist groups on campus to finance worthwhile projects. The Fund is the University vehicle through which alumni are solicited for contributions each year. Gifts are also made to the Fund to be used for projects that will give an added dimension to University activities.

Criteria for projects are minimal, but projects should not be of a type normally funded from general University operating or research funds, not be for individual students to advance their academic careers (for publishing theses, etc.), nor be for salaries per se. They should be strongly oriented toward the student community.

Deadline for this fall's applications is 30 October 1976. Applications should include descriptions and budget of the project and background information on the group making the application. Applications should be submitted to Lorne MacPherson, Secretary, Alma Mater Fund Allocation Committee, 849 General Services Building, telephone 432-4256.

ACADEMIC WOMEN'S ASSOCIATION

The first meeting of the Academic Women's Association for this academic year will be held

on Tuesday, 12 October, in the Faculty Club. Dinner from the buffet will be available after 5:30 p.m. The program, at 7 p.m., entitled "View from the U-Hall—the administration answers," will feature Jean Lauber, Associate Vice-President (Academic). All part-time or full-time academic women, sessional instructors, librarians, and APOs are invited to attend. For memberships and dinner reservations, call Sheila Bertram, 3-11 Rutherford South, telephone 432-5315, before 7 October.

SPEAKERS' BUREAU

The Speakers' Bureau helps organizations to engage speakers for their meetings. For more detailed information or brochures, contact the Public Relations Office, 855 General Services Building, telephone 432-4201.

THIS WEEK AND NEXT

Listings must reach the Editor by 9 a.m. the Friday prior to publication. Written notification is preferred.

8 OCTOBER, FRIDAY

Faculty Club

Downstairs. "From the grill." Regular Lower Lounge menu.

Upstairs. "Thanksgiving Special." Roast turkey, mashed potatoes, broccoli, cranberry sauce, pumpkin pie. Reservations required.

Cinematheque 16

7:30 p.m. *Alice's Restaurant* (United States, 1969). Starring Arlo Guthrie. Downstairs, Edmonton Art Gallery. Admission is \$2.50 for non-members and \$2 for members.

National Film Theatre

8 p.m. *Jusqu'au Coeur/Right to the Heart* (Canada, 1968). Directed by Jean-Paul Lefebvre. English subtitles. Centennial Library Theatre. Membership is \$1 for all 1976 series; admission is \$2 for adults and \$1.50 for students; series tickets \$20 for adults and \$16 for students.

Concert

8:30 p.m. Abbey Simon, pianist. Sponsored by the Edmonton Symphony Society. Jubilee Auditorium. Tickets, Symphony Box Office, telephone 433-2020.

Ballet Ys

8:30 p.m. Canadian classical and jazz ballet company. Students' Union Theatre. Admission \$5. Tickets available at the HUB Box Office and all Exhibition outlets.

9 OCTOBER, SATURDAY

Faculty Club

Downstairs. "From the grill." Regular Lower Lounge menu.

Upstairs. Regular dinner menu. Reservations required. Entertainment: Vern Hettinger Trio.

Classical Guitar Concert

8:30 p.m. Alice Artzt, classical guitarist. Provincial Museum Auditorium. Admission is \$4 for adults, \$3 for students and senior citizens. Tickets at Carl Lotsberg Guitar Studio, 104 10852 82 Avenue, or at the door.

Ballet Ys

8:30 p.m. Canadian classical and jazz ballet company. Students' Union Theatre. Admission \$5. Tickets available at the HUB Box Office and all Exhibition outlets.

Concert

8:30 p.m. Abbey Simon, pianist. Sponsored by the Edmonton Symphony Society. Jubilee Auditorium. Tickets at the Symphony Box Office, telephone 433-2020.

10 OCTOBER, SUNDAY

Cinematheque 16

1:30 p.m. and 3:30 p.m. *Hour of the Wolf* (Sweden, 1967). Directed by Ingmar Bergman. English subtitles. Downstairs, Edmonton Art Gallery. Admission is \$2.50 for non-members and \$2 for members.

12 OCTOBER, TUESDAY

Psychology Seminar

7:30 p.m. "A systems concept of cognition and communication," with speaker E. Laszlo, State University of New York. 14-6 Henry Marshall Tory Building.

Edmonton Jazz Society

8:30 p.m. Oont Groont Inner Space Maya Ensemble. The Hovel, 109 Street and Jasper Avenue. Admission is \$1.50 for EJS members and \$2.50 for non-members.

13 OCTOBER, WEDNESDAY

Civilisation Series

12 noon. *Early Renaissance, Italy.* L-3 Humanities Centre.

Faculty Club

Upstairs. "French Gourmet." \$25 per person includes dinner and wines. Reservations required.

Concert

8 p.m. Harry Belafonte. Jubilee Auditorium. Tickets available at Mike's, telephone 424-8911.

Chamber Music Society

8:30 p.m. Lazlo Varga, cello, and Isobel Moore, piano. First Presbyterian Church, 10025 105 Street. Admission by season membership only. Series tickets available at the HUB Box Office, from the Department of Music, 3-82 Fine Arts Building, or from the Society, 1007 8315 105 Street.

14 OCTOBER, THURSDAY

Civilisation Series

12:30 p.m. *Early Renaissance, Italy.* L-3 Humanities Centre.

Biomedical Seminar

3:30 p.m. "The effects of age on regional lung emptying," with speaker Richard Jones, Department of Medicine. 1064 Dentistry-Pharmacy Building.

Sociology Seminar

3:30 p.m. "Status, knowledge and innovation: risk and uncertainty in agrarian India," with speaker John Gartrell, Department of Sociology. 5-15 Henry Marshall Tory Building.

Classics Seminar

4 p.m. "Archaeological explorations in south Italy," with speaker R.J. Buck, Classics Department. 1-8 Humanities Centre.

Biochemistry Seminar

4 p.m. "Structure and function of protamine mRNA," with speaker Gordon Dixon, University of Calgary Medical School. 2-31 Medical Sciences Building.

Concert

6 p.m. and 9 p.m. Harry Belafonte. Jubilee Auditorium. Tickets available at Mike's, telephone 424-8911.

Student Cinema

7 p.m. *Barry Lyndon* (Great Britain, 1975). Directed by Stanley Kubrick and starring Ryan O'Neal. Students' Union Theatre. Admission is \$1.50 advance for students and \$2 at the door. Tickets available at the HUB Box Office.

Cinematheque 16

7:30 p.m. *Theatre of Blood* (Great Britain, 1973). Starring Vincent Price and Diana Rigg. Downstairs, Edmonton Art Gallery. Admission is \$2.50 for non-members and \$2 for members.

Grad House

8 p.m. "Thanksgiving Dinner." Roast turkey with all the trimmings. 11039 Saskatchewan Drive.

15 OCTOBER, FRIDAY

Public Lecture

12:15 p.m. "The greening of downtown," with speakers Leslie Bella, Department of Recreation Administration, and Elly De Jongh, University Senate. Sponsored by the Urban Reform Group of Edmonton. Music Room, Centennial Library.

Faculty Club

Downstairs. "Anton's Choice." Paella, salad, Charlotte aux framboises. \$4.75.

Upstairs. Lobster, \$12.50. Also regular dinner menu; reservations required.

Student Cinema

7 p.m. *Barry Lyndon* (Great Britain, 1975).

Students' Union Theatre. Admission is \$1.50 advance for students and \$2 at the door. Tickets available at the HUB Box Office.

Cinematheque 16

7:30 p.m. *Two or Three Things I Know About Her* (France, 1966). Directed by Jean-Luc Goddard. English subtitles. Downstairs, Edmonton Art Gallery. Admission is \$2.50 for non-members and \$2 for members.

National Film Theatre

8 p.m. *Lies My Father Told Me* (Canada, 1975). Directed by Jan Kadar. Centennial Library Theatre. Membership is \$1 for all 1976 series; admission is \$2 for adults and \$1.50 for students; series tickets \$20 for adults and \$16 for students.

Concert

8:30 p.m. John Mayall, British blues guitarist. Jubilee Auditorium. Tickets available at Mike's, telephone 424-8911.

16 OCTOBER, SATURDAY

Football

2 p.m. Golden Bears versus UBC Thunderbirds. Varsity Stadium. Admission is \$2.50 for adults, \$1.50 for students, and \$1 for children.

Faculty Club

Downstairs. "From the grill." Regular Lower Lounge menu. Reservations required.
Upstairs. Lobster, \$12.50. Also regular dinner menu; reservations required.

Student Cinema

7 p.m. and 9:30 p.m. *Dog Day Afternoon* (United States, 1975). Starring Al Pacino. Students' Union Theatre. Admission is \$1.50 advance for students and \$2 at the door. Tickets available at the HUB Box Office.

EXHIBITIONS AND PLAYS

Provincial Museum

Continuing. "Documentary Heritage," a long-term exhibition displaying valuable manuscripts and documents in the Provincial Archives of Alberta. Archives Gallery.
To 10 October. "Into the Silent Land," an exhibition of photographs tracing the first tentative use of photography in the 1850s by explorers, survey teams, boundary engineers, and geologists in western Canada. Feature Gallery 4.
To 24 October. "Journey Into Our Heritage," a visual history of the Jewish communities in western Canada. Feature Gallery 3.
To 30 October. "Harry Bamber, Pioneer Leduc Photographer." Archives Foyer.

Museum winter hours: Monday to Saturday, 9 a.m. to 5 p.m.; Sunday, 11 a.m. to 9 p.m.

Rutherford House

Continuing. The House, 11153 Saskatchewan

Drive, is furnished in its original manner. Admission is free. Winter hours: Saturday and Sunday, 12 noon to 6 p.m. Tours by appointment, telephone 427-3995.

Edmonton Art Gallery

To 4 November. "Reta Cowley." Watercolors by this Saskatoon artist.
To 8 November. "Tim Scott." Works by this British sculptor.

Students' Union Art Gallery

To 11 October. "Bob Scott." Exhibition of paintings. Gallery hours: 11 a.m. to 5 p.m., Monday through Friday.
12 to 15 October. Imaginus exhibition and sale of fine art prints, featuring works of Chagall, Dali, Matisse, Breughel, Cezanne, Van Gogh, Miro, Rembrandt, Picasso, Wyeth, Group of Seven, and others. 9 a.m. to 5 p.m. daily.

Jubilee Auditorium

From 15 October. "Prairie Sentinels," an exhibition of more than thirty works by Almira Nichols depicting Alberta's grain elevators. Main Foyer.

University Art Gallery

To 21 October. Lithographs by Bonnie Scheckter. Also an exhibition of prints from the University's permanent collection. The University Art Gallery and Museum is located in Ring House One, situated south of the Faculty Club on Saskatchewan Drive and west of 116 Street.

Northern Light Theatre

To 30 October. *Passionella*, a musical comedy based on a story by Jules Feiffer. Performances are at 12:10 p.m. Tuesday through Friday with extra performances at 1:10 p.m. Thursday and Friday. Also Saturday evenings at 7:30 p.m. and 9 p.m. Admission is \$2 for weekday performances, \$1.50 for senior citizens, and \$2.50 for Saturday performances. For information or reservations contact the Theatre Office, 10198 99 Street, telephone 429-3110.

NON-CREDIT COURSES

THIS MATTER OF MOTIVATION

Motivational analysis and its practical applications will be the focus of a two-day seminar sponsored by the Faculty of Extension on 3 and 4 November. This Matter of Motivation is a workshop in which the theories of Herzberg, McGregor, Argyris, Likert, Gellerman, Berlo, and Drucker will be explained and discussed.

The format for the workshop will include a general introduction by each instructor, the relevant film describing each author's theory, followed by small group discussions on the practical application of the theory. In addition,

a management game will be featured during one evening of the seminar. Instructors will be C.M. Lockwood, Dean of the Faculty of Extension; R.R. Faryon, Professor of Extension; and G. Kronstedt of Woods, Gordon and Company, Edmonton.

The registration deadline is 27 October and registrations are accepted in 228 Corbett Hall. The fee is \$50 including materials, luncheons, and dinner. For additional information, call 432-5066 or 432-5067.

CENTRE FOR THE STUDY OF MENTAL RETARDATION

The Centre for the Study of Mental Retardation is presenting a lecture-workshop introduction to mental retardation for parents, foster parents, group home workers, and volunteer, novice, and nonprofessional personnel working with the retarded.

The program reviews the causes, characteristics, and classification of mental retardation, the principles of normalization, the medical aspects of mental retardation, learning and development characteristics, behavior management techniques, programming for growth, and social-emotional-recreational development. In addition, a full day-tour will be made of various community facilities for the retarded.

Evening classes are scheduled for 19, 21, 26, and 28 October and 2, 4, 9, and 18 November. All-day sessions will be held on 30 October and 6 November. The tour will be held on 16 November. The cost of the course is \$20 for individuals, \$30 for married couples, and there is no charge for government houseparents. Registration forms and further information can be obtained by calling 432-4439.

HALL AND DILLON FAMILY THERAPY INSTITUTE

The Faculty of Extension and the College of Clinical Social Workers of Alberta are sponsoring a Hall and Dillon Family Therapy Institute from 1 to 3 November. The Institute will be appropriate for both beginning and advanced mental health professionals who work with couples and families and who are interested in learning through self-awareness.

Participants in the Institute will learn to identify dysfunctional family systems and individual neurotic behavior patterns using both conceptual frameworks and their own feelings and reactions to the family systems and patterns presented in the sessions. The formal sessions will run from 9 a.m. to 4:30 p.m. each day. However, to gain maximum benefit from the Institute, the resource people have recommended strongly that participants plan to stay in residence in order to facilitate the informal discussions and exchanges that are regarded as an integral part of the Institute.

Early registration is advised since enrolment

is limited. Registrations are accepted in 228 Corbett Hall and the tuition fee is \$60 plus meals and accommodation. Additional information is available by calling 432-5049.

DISTRIBUTION MANAGEMENT

The concept of physical distribution and how it can result in increased profits will be discussed in a three-day seminar from 17 to 19 November.

The seminar will develop a basic understanding of the concepts of physical distribution, give participants an idea of the important control factors in managing each element in the physical distribution system, for example, transportation, warehousing, inventory, and communication. In addition, it will assist participants in managing their physical distribution systems more effectively by organizing, planning for profitable improvements, and controlling operations.

The two instructors will be F.R. Denham and J.J. Heffernan, both of Stevenson and Kellogg Limited, Toronto. Registrations are accepted in 228 Corbett Hall. The fee is \$195 and includes luncheons and materials. Additional information may be obtained by calling 432-5066 or 432-5067.

PERSONAL FINANCIAL PLANNING, EXECUTIVE COMPENSATION, EMPLOYEE BENEFITS, AND ESTATE PLANNING

The Faculty of Extension has scheduled a two-day seminar on registered retirement savings plans, profit sharing plans, estate planning for the executive and small business owner, and employee benefits. The seminar will be held from 1 to 2 November.

Instructors for the seminar will be J.C. Snyder and W. Scott, both of Executive Compensation Consultants, Toronto. Registrations are accepted in 228 Corbett Hall and the fee is \$100 including luncheons and materials. The registration deadline is 25 October. Additional information is available by calling 432-5066 or 432-5067.

CONTRACT LAW FOR ENGINEERS

Some of the legal problems which affect professional engineers and those concerned with negotiating, framing, and administering contracts will be discussed in a seminar, Contract Law for Engineers, on 19 and 20 November. These problems should be of interest also to engineers performing professional duties as employees of contracting parties or as independent consultants.

Topics to be discussed include the Builders' Lien, tenders, standard forms of contracts, performance bonds, penalties and bonuses, time for performance, and alteration of terms of contracts. The relationships that exist between engineers and other professionals who are parties to contracts will be considered as well.

Some of the case studies will include those from Alberta courts and from courts of other provinces and from England.

Seminar hours will be from 9 a.m. to 4:30 p.m. on 19 November and from 9 a.m. to 12 noon on 20 November. Registrations are accepted in 228 Corbett Hall. The fee is \$65 including lunch and materials. For additional information call 432-5038 or 432-3037.

THE GREY SEASON

Joy Finlay, naturalist and outdoor consultant to elementary schools and outdoor leadership programs, will present another of the Interpreting the Woods and Fields programs on 23 and 24 October.

The Grey Season is one of an annual series of field study courses designed to develop the skills of planning, organizing, and teaching outdoor education programs. It will be of interest to teachers, youth group and camp leaders, and those responsible for teaching children to make greater use of the outdoors as a living classroom. The focus of the program will be interpreting nature's ecological relationships: diversity, adaptation, change, and interrelatedness.

The registration deadline is 18 October and the fee is \$18. Registrations are accepted in 228 Corbett Hall. For additional information telephone 432-3035.

UNDERGROUND COAL MINING SYSTEMS

A two-day seminar will be offered on 8 and 9 November dealing with underground coal mining systems. The seminar has been designed for people in the coal mining industry who are interested in improving their understanding of underground practice, for those who are planning underground operations, and those working in government departments or regulatory agencies.

M.L. Jeremic, Associate Professor of Mining Engineering, will conduct the seminar and discuss geological factors which effect and constrain the choice of mining systems and mining systems such as room and pillar mining. In addition such topics as strata and environment control will be considered.

Registrations for this seminar are accepted in 228 Corbett Hall. The fee, which includes luncheons and materials, is \$75. For additional information, please call 432-5038 or 432-3037.

SCHOLARSHIPS, FELLOWSHIPS AND AWARDS

Canada Council

Special MA Scholarships

Donor: The Canada Council. *Where tenable:* A Canadian university. *Level of study:* Master's. *Field of*

study: Humanities and social sciences. *Value:* \$5,500 plus travel allowance for award holder. *Number:* 100 in Canada. *Duration:* 12 months. *Conditions:* All candidates must be nominated first by a faculty member. The competition is open to those nominees who have first class standing in their present or previous course of studies; are in the final year of a BA (Honors) program or its equivalent and intend to pursue full-time graduate studies at a Canadian university for a master's degree. Nominees must be Canadian citizens by January 1977. *Closing date:* For nominations, 15 October 1976; for completed applications, 15 November 1976. *Nomination letters are available from:* L. Henderson, Administrator of Student Awards, 219 Central Academic Building, telephone 432-3495.

Canada Council

Doctoral Fellowships

Donor: The Canada Council. *Where tenable:* At any recognized university of Canada and abroad. Restrictions concerning citizenship should be noted. *Level of study:* Doctoral. *Field of study:* Humanities and social sciences. *Value:* \$5,500 to \$6,500. *Number:* 1,300 in Canada. *Duration:* Fellowships are renewable subject to evidence of satisfactory progress. *Conditions:* Persons are eligible for the competition if, by the time of taking up the Fellowship, they will have completed one year of graduate study beyond the BA (Honors) or its equivalent, and will be registered in a program of studies leading to the PhD or its equivalent. *Closing date:* 1 December 1976. Further information and application forms have been distributed to departments.

POSITIONS VACANT

NON-ACADEMIC STAFF

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, third floor, SUB, telephone 432-5201. Please do not contact the department directly.

Clerk Typist II (\$573-\$695)—Housing and Food Services (two positions); Forest Science; Faculty of Business Administration and Commerce; Secondary Education

Clerk Steno II (\$595-\$721)—Faculty of Graduate Studies and Research; Physics; Economics

Clerk Typist III (\$644-\$781)—Physical Plant; Physiology

Clerk Typist III (\$644-\$781, trust)—International Microwave Institute

Clerk Steno III (\$667-\$821)—Faculty of Law (three positions); Faculty of Education; Secretariat; Industrial and Vocational Education; Faculty of Dentistry; Psychology

Clerk Steno III (\$402-\$487, three-fifths time)—Mineral Engineering

Clerk Steno III (\$334-\$406, part-time, half days)—Faculty of Graduate Studies and Research (Research Grants and Contracts Office)

Dental Assistant (\$619-\$751)—Faculty of Dentistry
Student Record Processing Clerk (\$695-\$847)—Faculty of Education

Accounts Clerk II (\$721-\$882)—Physical Plant
Accounts Clerk II (\$361-\$441, part-time)—Office of the Comptroller

Admissions/Records Trainee (\$695-\$847)—Office of the Registrar

Medical Steno (\$721-\$882)—Faculty of Medicine
Departmental Secretary (\$847-\$1,043)—Board of Governors

Secretary (\$751-\$921)—Faculty of Business Administration and Commerce; Faculty of Dentistry; Ophthalmology

Library Assistant I (\$695-\$847)—Computing Science
 Administrative Clerk (\$781-\$959)—Housing and Food
 Services (two positions)
 Technician I (\$391 to start, half-time, trust)—
 Botany
 Office Equipment Repair Technician II (\$882-\$1,088)
 —Technical Services
 Computer Assistant II (\$695-\$847)—Administrative
 Systems
 Parking Control Supervisor (\$959-\$1,186)—Physical
 Plant
 Laboratory Technologist II (\$921-\$1,136)—Provincial
 Laboratory
 Machinist Technician III (\$1,043-\$1,293)—Technical
 Services
 Applications Analyst (\$1,000-\$1,239)—Pharmacology;
 Chemistry
 Administrative Assistant (bilingual) (\$1,000-\$1,239)—
 Collège Universitaire Saint-Jean
 Instrument Technician III (\$1,043-\$1,293)—Chemical
 Engineering
 Audio Visual Technician I (\$781-\$959, term)—
 Romance Languages
 Technical Assistant (\$721-\$882)—Physics
 Electronics Technician I (\$882-\$1,088)—Chemistry
 Technical Assistant (\$721-\$882)—Pharmacology
 Civil Engineering Technician I (\$781-\$959)—Civil
 Engineering
 Farm Equipment Operator (\$882-\$1,088)—Animal
 Science

*The following is a list of currently available positions
 in the University of Alberta Libraries. The bulletin
 board postings in the Library Personnel Office,
 516 Cameron Library should be consulted for further
 information as to position requirements and
 availability.*

Library Clerk II (\$595-\$721)—References
 Library Clerk III (\$644-\$781)—Cataloguing (three
 positions)

PERSONAL NOTICES

*All advertisements must be received by 9 a.m. the
 Friday prior to publication. Rate is 15 cents per
 word for the first week and 5 cents per word for
 subsequent weeks ordered before the next deadline.*

*Minimum charge is \$1. Ads must be paid in advance.
 We regret that no ads can be taken over the
 telephone. For order forms or further information,
 telephone 432-4991.*

Accommodation Available

For sale—luxurious new three-bedroom townhouse in
 west end. Large master bedroom, front and back

yard. Parking for two cars. Immediate possession.
 Large mortgage. \$55,500. Don Richards, 488-0121;
 24-hour page 426-5880, extension 872.

\$83,000. Private sale: four-year-old split-level. 1,784
 square feet, four bedrooms, family room with open
 fireplace. Living room bay window facing west. 65
 by 110 landscaped lot; paved driveway and pad for
 22 by 24 backyard garage. Collingwood district, two
 blocks to bus. Possession 16 October. If we list
 MLS we'll ask \$88,000, probably accept \$86,000, pay
 a 7% commission of \$6,000 and realize only \$80,000.
 Buy direct and we both save \$3,000. For appoint-
 ment to view telephone 487-3310 after 4 p.m.
 weekdays or anytime weekends.

Furnished office, waiting room, telephone; downtown;
 2½ days per week. \$90 monthly. Suit professional.
 433-1716, 424-5531.

For sale—two-bedroom bungalow in Parkallen. Large
 single garage, fully developed basement. \$51,900. Jay,
 432-2001, 435-4943.

For sale—owner transferred. Three-month-old
 three-bedroom bungalow in Mill Woods: 1,068
 square feet, 1½ baths, RIDP, large mortgage. Asking
 \$62,900. Telephone 462-2773 after five p.m.

For sale—convenient to University (Meadowlark)
 three-bedroom custom-built bungalow. New shag,
 extra bathroom and bedroom in basement. All
 appliances. Immediate possession. 439-4442.

For sale—eighty acres on hardtop, thirty-one miles
 from Edmonton. 878-3782.

For sale—University area 1,600-square-foot semi-
 bungalow. Immaculate condition. Double garage.
 Listed \$76,500. For details, or to view, telephone
 Verna Green, 452-6345; residence, 452-6764. Potter
 Realty.

Rent gone up? If you are paying more than \$300 per
 month you could buy your own home. Telephone
 Herb McClure, 466-1871 or Graham Realty, 439-7305.

For sale—up-and-down duplex within easy walking
 distance of University. Two separate entrances,
 mahogany woodwork throughout; garage and parking
 pad. This property is only thirteen years old and is in
 immaculate condition. Rental potential from lower
 floor is \$300. For further information please
 telephone Norm Paul at 435-8924 or Le Page
 Melton, 439-3995.

For sale by owner—Parkallen semi-bungalow, close to
 University and bus lines; three bedrooms, open
 basement, garage, trees. Telephone 436-1290 after
 five.

For sale—Rosslyn, three-bedroom bungalow; completed
 basement. Double garage. 475-4768.

For rent—Riverbend-Heartstone executive condo-
 minium. 1,345 square feet; 2½ baths, carpeted
 throughout; fireplace, patios; garage. 452-6812.

Accommodation Wanted

House wanted—local buyer desires 1,300-square-foot
 bungalow in southwest. Prefers open basement.

December possession. Has smaller home to trade.
 Pay up to \$87,000. Telephone Steve Gibbens,
 H.R. Kellough Realty, 439-7371; residence, 489-5934.

Wanted—house for one year from 1 January for
 visiting professor in Medicine, on sabbatical. Near
 University preferred. Telephone A.S. Russell,
 432-6296; 436-0423.

House wanted, urgently. Young couple must have a
 home in University area by 30 December 1976. Will
 consider two- or three-bedroom; prefer one with
 fireplace. Belgravia or Windsor Park. Please
 telephone Dorothy Hamilton at 439-7371; residence,
 436-8509. Kellough Realty.

Automobiles and Accessories

1972 Superior 22-foot Motorhome; powerplant air.
 28,000 miles. Dodge chassis. Excellent condition.
 \$13,800. 458-1912.

1970 Chevrolet Bel Air—one owner; 53,600 original
 miles. Power steering, power brakes, automatic
 three-speed turbo hydromatic transmission; 350-cubic-
 inch motor. Many extras. 489-8927.

Goods and Services

Plumbing—for estimates on basement bathrooms,
 repairs, gasfitting, etc., call 465-7079.

Babies wanted—two- to nine-month-old volunteers
 needed for research in the development of visual
 memory. Dr. Cornell, 432-5216.

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 Call first, 433-6358.

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For sale—as new: avocado self-cleaning stove used
 six weeks; cost \$500—sell \$350. Free-standing wood-
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For sale—electric typewriter, \$125. Older model Royal,
 completely reconditioned. Telephone 433-0321
 evenings or weekends.

For sale—Limited companies, \$250. Bizecon
 International Ltd. 5821 118 Avenue. 474-0782.

Bagpipes, two children's kilts, sword. 436-1167.

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 Jerry, 439-3531.

Experienced research assistant needed to assist in
 research on mental retardation. Telephone 432-4191;
 evenings, 435-2519.

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 delivered. Telephone 465-7773 after six.

Manuscripts, theses, papers typed on new Selectric.
 Work guaranteed. 435-4981 after five.

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 ultra suede partial lining. Reward. Office hours,
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